

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: June YEAR: 2005
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE William Wojcik (HFP) for Sherrie Hebert Service Hydrologist DATE: July 14, 2005
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	
<div style="border: 1px solid black; padding: 5px; text-align: center; width: 40px;"> X </div>	An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.

On June 1, a slow-moving line of thunderstorms produced heavy rainfall in Idaho Falls and surrounding areas resulting in some minor flooding of streets and underpasses. There were no reports of damage.

A hydrologic statement was issued on June 6 for rising water levels on area streams and rivers due to recent and expected rainfall and high elevation snowmelt. There were no reports of flooding.

Most of the precipitation fell during the first half of June. Overall, it was a pretty wet June for most locations particularly in the higher terrain. This was a continuation of the very wet pattern that began in March. The additional precipitation certainly improved the water supply outlook and reduced the short-term drought conditions.

Other Hydrologic Interests

Precipitation

June precipitation for the Pocatello HSA was 140% of normal for 36 of 42 reporting stations with climate data, according to Western Region Climate Center data. Of the reporting stations, six were greater than 200% of normal, and 10 were below normal. Those stations receiving 200% or greater than normal precipitation are in the table below.

Station Name	Precip (inches)	Normal (inches)	Percent of Normal
Idaho Falls 2 ESE	3.67	1.28	286.7
Island Park	5.97	2.72	219.5
Ashton	3.93	1.80	218.3
McCammon	2.62	1.23	213.0
Tetonia	3.68	1.80	204.4
Chilly Barton Flats	2.65	1.32	200.8

There were a few new records established during the month. A summary follows.

Station	New Record (inches)	Old Record (inches)	Date or Year
Burley ASOS	0.28	0.15	6/22/1967
Idaho Falls ASOS	0.45(tie)	0.45	6/6/1993
	0.16	0.13	6/22/1987
Island Park	5.97	5.52	1963

* June monthly total precipitation record

Reservoirs

The Upper Snake River reservoir system is at 78% of capacity¹, down 3% from June 1, 2005.

Reservoir	% Capacity May 31 ²	% Capacity June 30 ³	Percent Change	% of Average ³	% of Last Year ³
American Falls	94	79	-15	98	182
Bear Lake	24	32	8	42	225
Blackfoot	33	35	2	44	249
Henry's Lake	87	98	11	99	117
Island Park	99	94	-5	98	109
Little Wood	98	97	-1	116	131
Mackay	102	100	-2	122	497
Magic	71	74	3	98	1061
Oakley	55	58	3	109	301
Palisades	83	92	9	100	189
Ririe	72	86	14	86	130
Lake Walcott	98 ⁴	99 ⁵	1	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), June 30, 2005; (2) NRCS, May 31, 2005; (3) NRCS, June 30, 2005; (4) BOR, May 31, 2005; (5) BOR, June 30, 2005.

Drought

Currently twenty Idaho county emergency drought declarations exist for 2005, thirteen of which are in Eastern Idaho. Eastern Idaho counties include, in order of declaration: Butte, Custer, Bonneville, Bingham, Madison, Fremont, Power, Bannock, Clark, Caribou, Blaine, Jefferson, and Lincoln.

June precipitation allowed for US Drought Monitor improvements to D1, "Moderate" and D2, "Severe" categories. This is a stark contrast to recent years when most of Eastern Idaho was ranked as D3 and D4, "Exceptional".

Hydrologic Product Summary

June 2005 Hydrologic Product Summary

Product	Number Issued
Flash Flood Warning	0
Flash Flood Statement	0
Flood Watch for Flash Flooding	0
Flood Warning	0
Flood Statement	2
Flood Watch for Flooding	0
Urban and/or Small Stream Flood Warning	0
Urban and/or Small Stream Flood Advisory	1
Hydrologic Outlook	0
Hydrologic Statement	1
NOW or Special Weather Statement (with information related to flooding)	0
Local Storm Report related to flooding	1

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